

Specification

Replace the paragraph appearing at lines 22-27 on page 8 with the following corrected paragraph:

The orthogonal magnetic coupling layer of free layer 210 to biasing layer ~~245~~ 244 is induced by the electrically-conducting spacer layer 242 that acts as a magnetically-coupling layer. The spacer layer 242 is preferably a generally equiatomic $\text{Pt}_{50}\text{Mn}_{50}$ layer having a thickness less than approximately 100\AA , preferably between approximately 15\AA and 50\AA . This thickness is well below the thickness at which $\text{Pt}_{50}\text{Mn}_{50}$ exhibits its antiferromagnetic exchange bias effect, which is typically at a thickness greater than approximately 100\AA .